



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Simonton Windows
One Cochrane Drive
Pennsboro, WV 26415

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 5500 Storm Breaker Plus- PVC Double Hung Window

APPROVAL DOCUMENT: Drawing No. S-2361, titled "Storm Breaker Plus Impact 5500 Series PVC Double Hung Window ", sheets 1 to 6 of 6, prepared by R. W. Building Consultants, Inc., dated 04/05/04, with revision #1 dated 06/24/04 signed and sealed by Wendell W. Haney, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez , P.E.**



NOA No 04-0421.03
Expiration Date: August 05, 2009
Approval Date: August 05, 2004
Page 1

Simonton Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2361**, titled "Storm Breaker Plus Impact 5500 Series PVC Double Hung Window", sheets 1 to 6 of 6, prepared by R. W. Building Consultants, Inc., dated 04/05/04, with revision "#1" dated 06/24/04, signed and sealed by Wendell W. Haney, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test, per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of PVC double hung window, prepared by Architectural Testing Inc., Test Report No. **ATI-01-48833.02** dated 04/14/04, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300 and structural analysis, prepared by R.W. Building Consultants, Inc., dated 04/18/04 signed and sealed by Wendell W. Haney, P.E.

D. QUALITY ASSURANCE

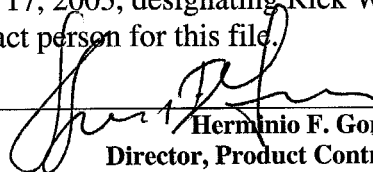
1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **03-0421.02** issued to Solutia, Inc. for "Saflex IIIG" dated 01/08/04, expiring on 05/21/06.
2. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB" dated 02/15/01, expiring on 12/11/05.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated April 16, 2004, signed and sealed by Wendell W. Haney, P.E.
2. Statement letter of no financial interest dated June 17, 2003, signed by Allan Crum.
3. Letter from Simonton Window, dated June 17, 2003, designating Rick Wright of R.W. Building Consultant Inc., as the contact person for this file.


Herminio F. Gonzalez, P.E.
Director, Product Control Division
NOA No 04-0421.03

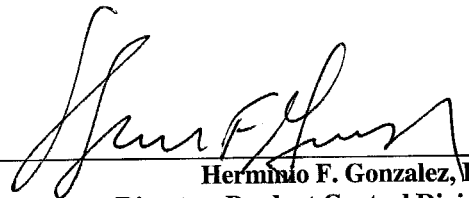
Expiration Date: August 05, 2009
Approval Date: August 05, 2004

Simonton Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).



Hermilio F. Gonzalez, P.E.
Director, Product Control Division
NOA No 04-0421.03
Expiration Date: August 05, 2009
Approval Date: August 05, 2004



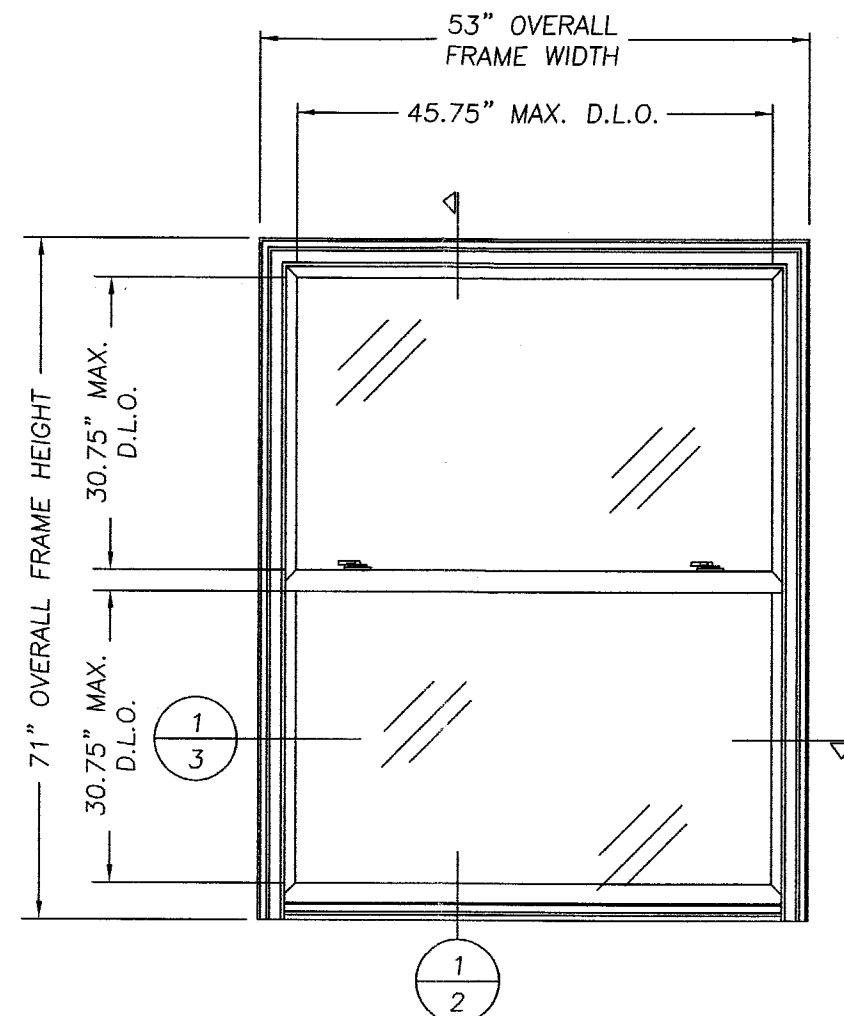
1 Cochrane Avenue Pennsboro, WV 26415 Ph. 800.426.2249

STORM BREAKER PLUS IMPACT 5500 SERIES PVC DOUBLE HUNG WINDOW

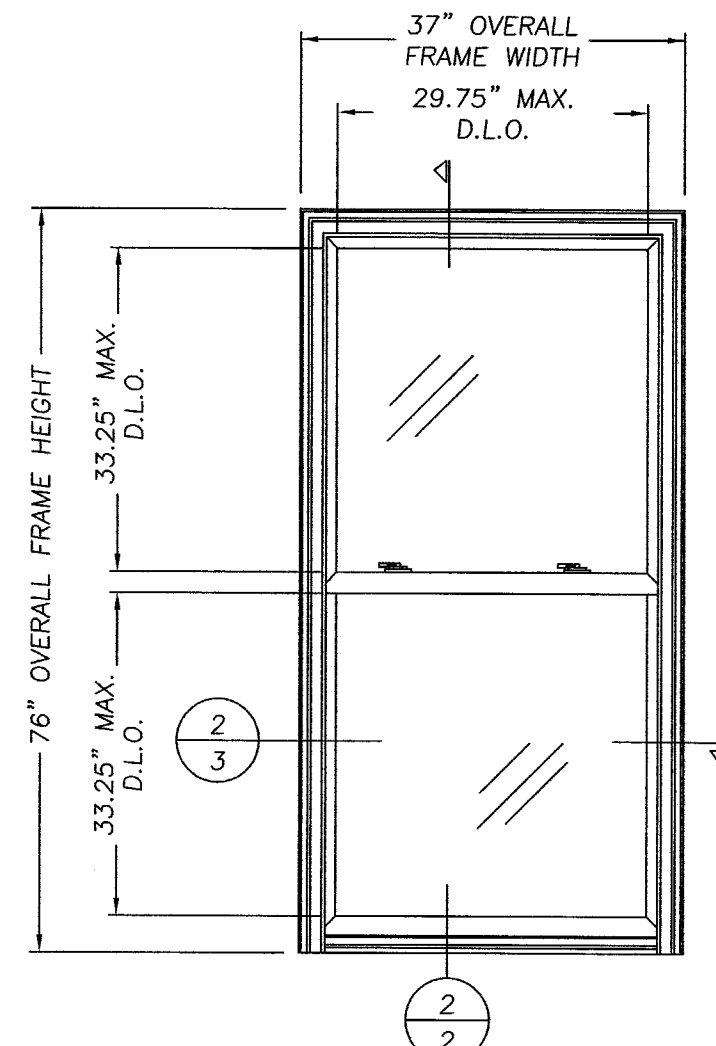
GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE "HVHZ" FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. FOR DESIGN PRESSURE RATING SEE CHART THIS SHEET.
5. INSTALLATION OF THIS SYSTEM DOES NOT REQUIRE THE USE OF APPROVED SHUTTER/EXTERNAL PROTECTION DEVICE.
6. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	GENERAL NOTES & TYPICAL ELEVATIONS
2	VERTICAL CROSS SECTIONS & GLAZING DETAILS
3	HORIZONTAL CROSS SECTIONS
4	ANCHORING LOCATIONS
5	BILL OF MATERIALS & COMPONENTS
6	COMPONENTS



53" x 71" DOUBLE HUNG WINDOW
VIEWED FROM EXTERIOR



37" x 76" DOUBLE HUNG WINDOW
VIEWED FROM EXTERIOR

1" INSULATED GLASS	SIZE	DESIGN PRESSURE RATINGS	
3/16" TEMP AIR 1/8" ANN - 0.100 PVB - 1/8" ANN	UP TO 53" x 71"	POS. 55.0 PSF	NEG. 58.0 PSF
3/16" TEMP AIR 1/8" ANN - 0.100 PVB - 1/8" ANN	UP TO 37" x 76"	POS. 60.0 PSF	NEG. 70.0 PSF
1/8" TEMP AIR 1/8" ANN - 0.100 PVB - 1/8" ANN	UP TO 53" x 71"	POS. 52.8 PSF	NEG. 52.8 PSF
1/8" TEMP AIR 1/8" ANN - 0.100 PVB - 1/8" ANN	UP TO 53" x 68"	POS. 55.0 PSF	NEG. 55.0 PSF
1/8" TEMP AIR 1/8" ANN - 0.100 PVB - 1/8" ANN	UP TO 53" x 64.5"	POS. 55.0 PSF	NEG. 58.0 PSF
1/8" TEMP AIR 1/8" ANN - 0.100 PVB - 1/8" ANN	UP TO 37" x 76"	POS. 60.0 PSF	NEG. 70.0 PSF

Approved as complying with the
Florida Building Code
Date 08/05/04
NOAH 04/04/21.03
Miami Dade Product Control
Division
By

DATE: 04/05/04

SCALE: NTS

DWG. BY: EW

CHK. BY: RW

DRAWING NO.:

S-2361

SHEET 1 OF 6

PRODUCT:

STORM BREAKER PLUS
IMPACT 5500 SERIES
PVC DOUBLE HUNG WINDOW

PART OR ASSEMBLY:

GENERAL NOTES AND
TYPICAL ELEVATIONS

REVISIONS

NO. DATE PER DATE 5/19/04 LETTER RW BY

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.

P.O. Box 230 Yalrico FL 33595

Phone No.: 813.659.9197

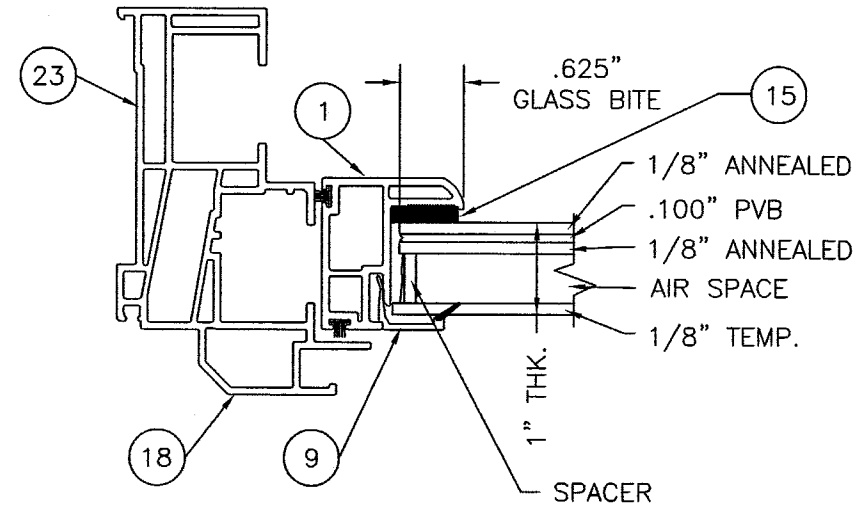
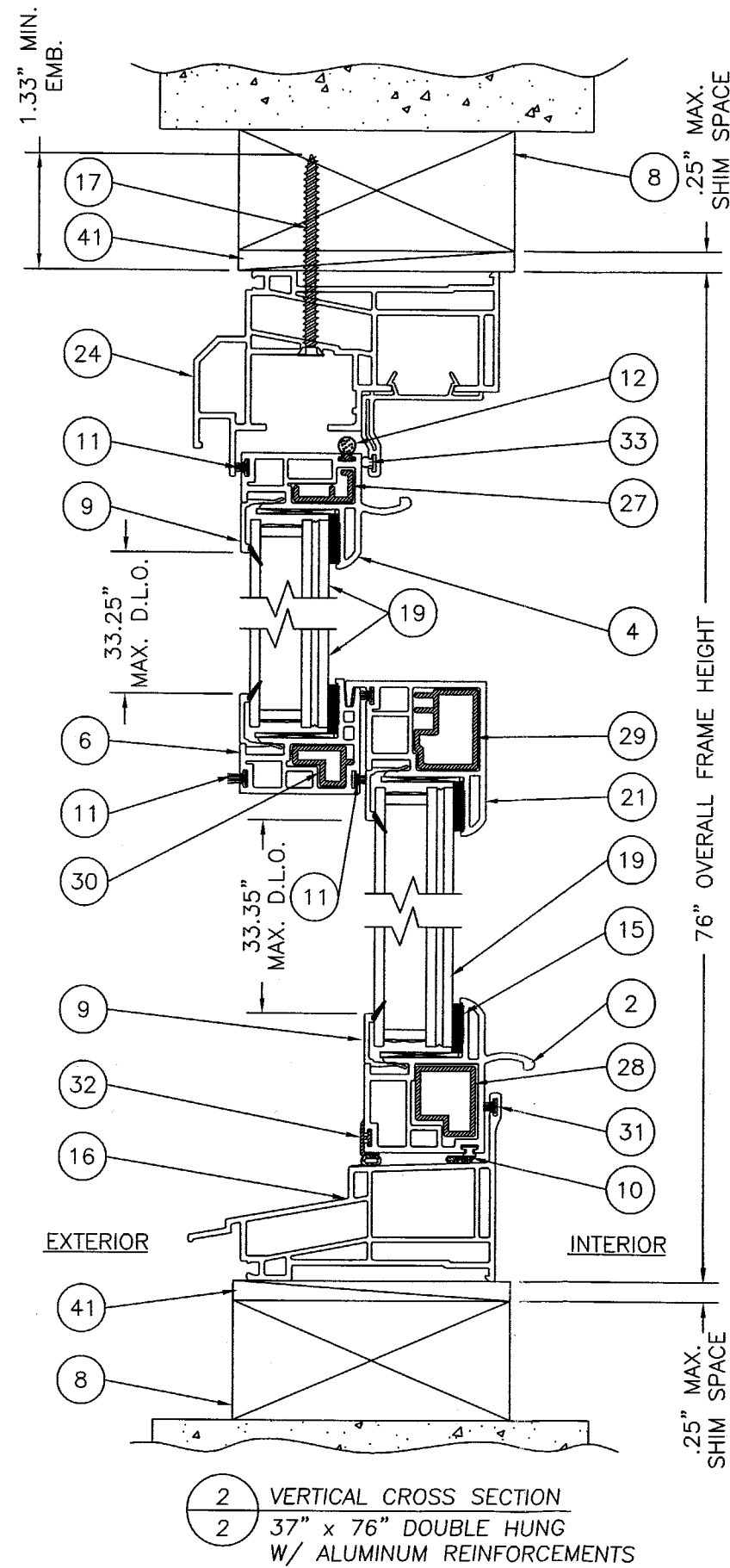
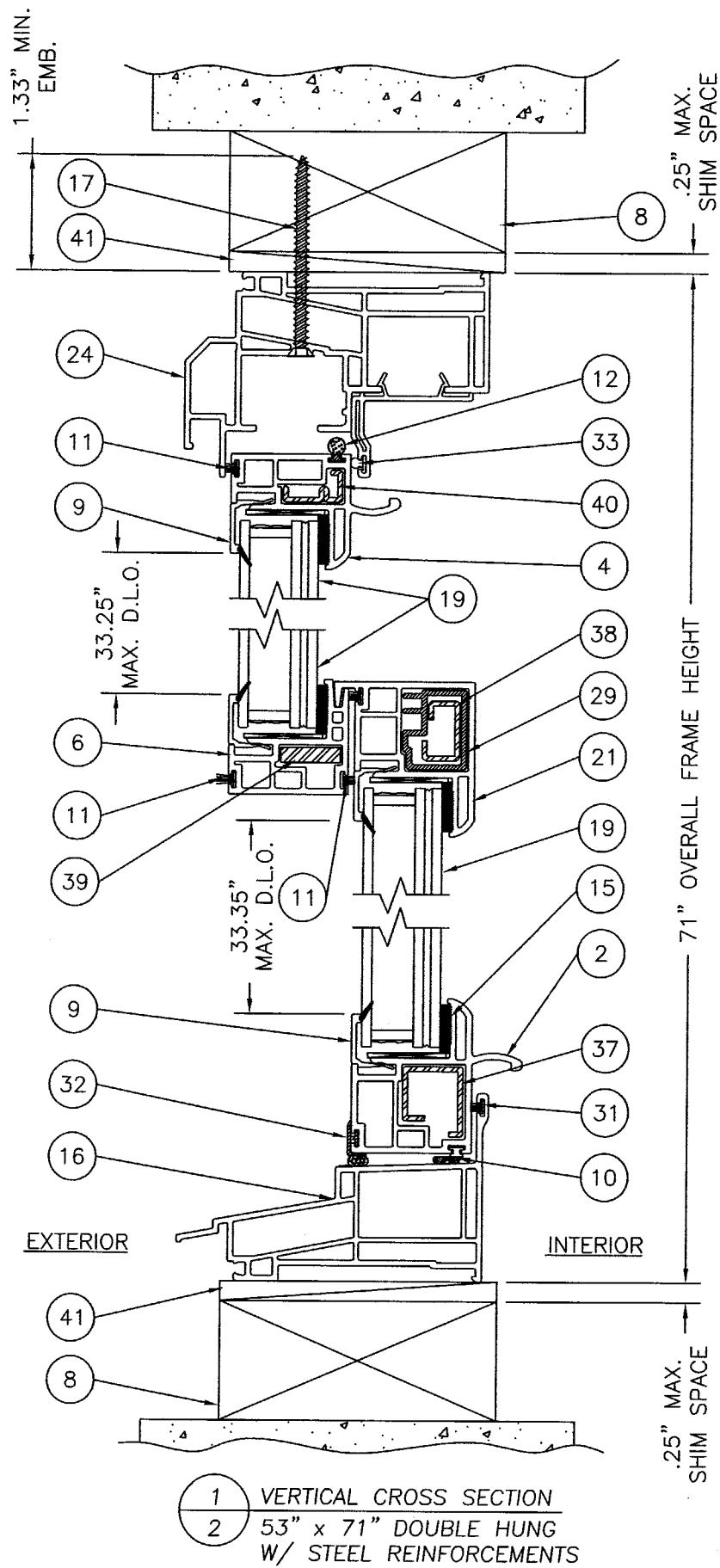
Florida Board of Professional Engineers

Certificate Of Authorization No. 9813

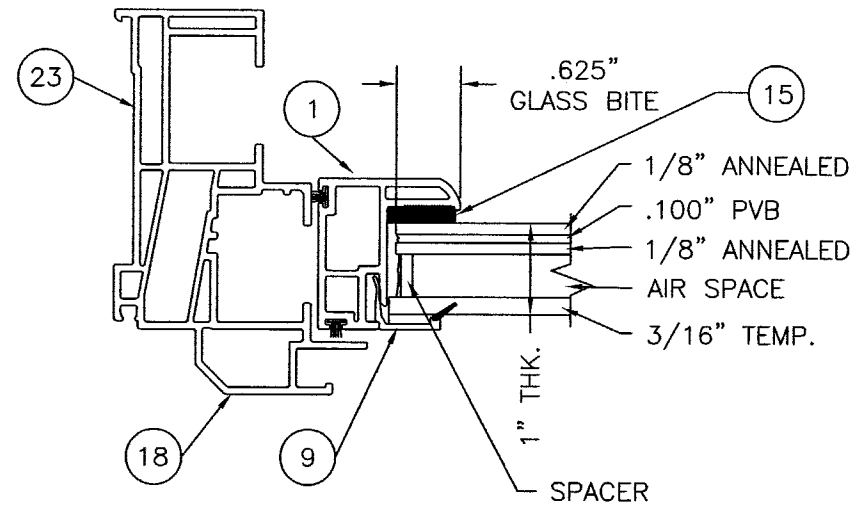
Wendell W. Haney P.E. No. 54158

6-24-04

\\Server\data\Active Projects\pf396\S-2361\S-2361-2.DWG



GLAZING DETAIL
W/DUPONT LAMINATE



GLAZING DETAIL
W/DUPONT LAMINATE

NOTE:
UNITS LARGER THAN 37" x 76" USE STEEL
REINFORCEMENTS.

Approved as complying with the
Florida Building Code
Date 08/05/04
NOAH 04-0421.03
Miami Dade Product Control
Division
By [Signature]

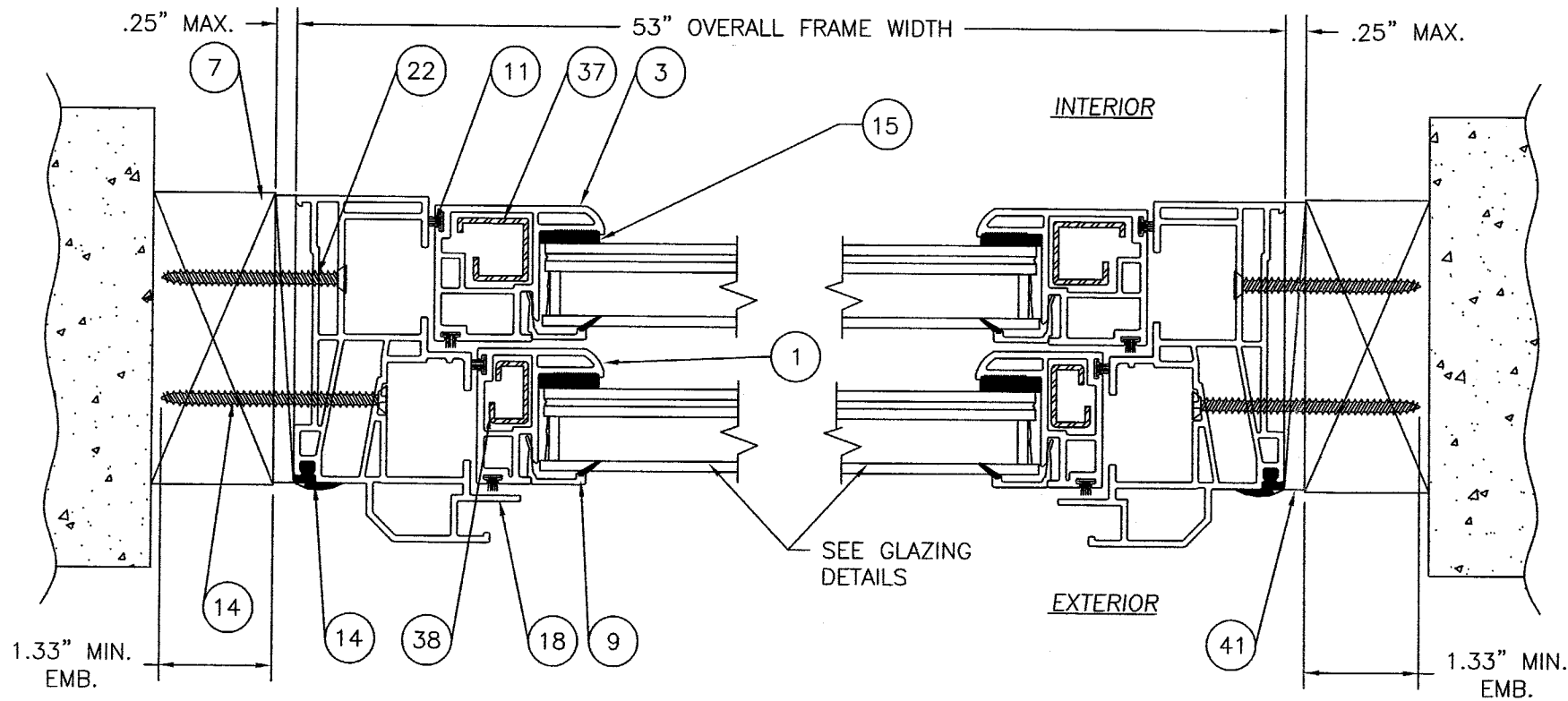
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
[Signature] 6-24-04
Wendell W. Haney, P.E. No. 54158

PRODUCT:
STORM BREAKER PLUS
IMPACT 5500 SERIES
PVC DOUBLE HUNG WINDOW
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS &
GLAZING DETAILS

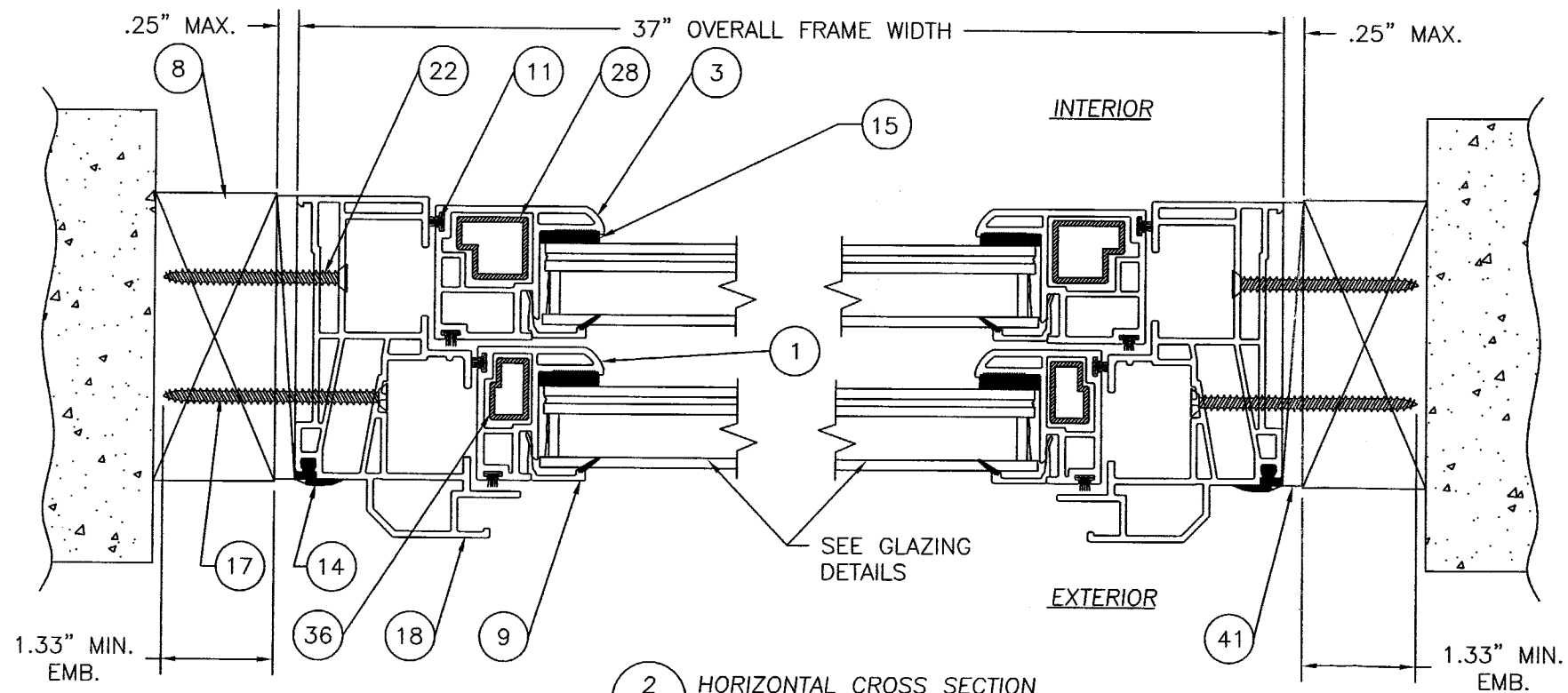
NO.	DATE	REVISIONS
1	6/24/04	PER DADE 5/19/04 LETTER

DATE: 04/05/04
SCALE: NTS
DWG. BY: EW
CHK. BY: RW
DRAWING NO.: S-2361
SHEET 2 OF 6

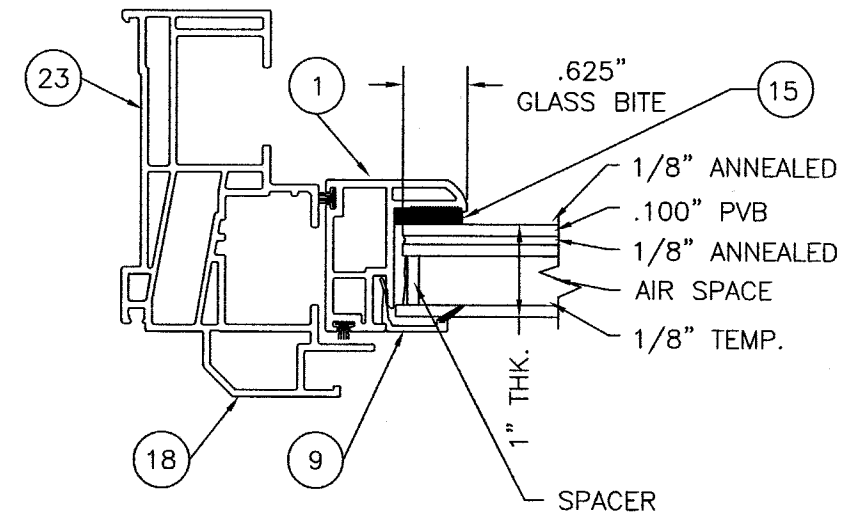
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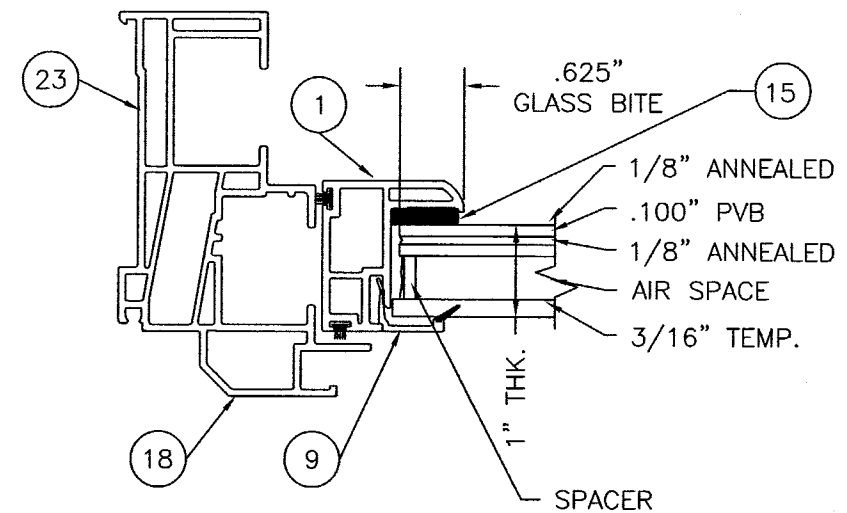
1 HORIZONTAL CROSS SECTION
3 W/ STEEL REINFORCEMENTS



2 HORIZONTAL CROSS SECTION
3 W/ ALUMINUM REINFORCEMENTS



GLAZING DETAIL
W/ SOLUTIA LAMINATE



GLAZING DETAIL
W/ SOLUTIA LAMINATE

NOTE:
UNITS LARGER THAN 37" x 76" USE STEEL
REINFORCEMENTS.

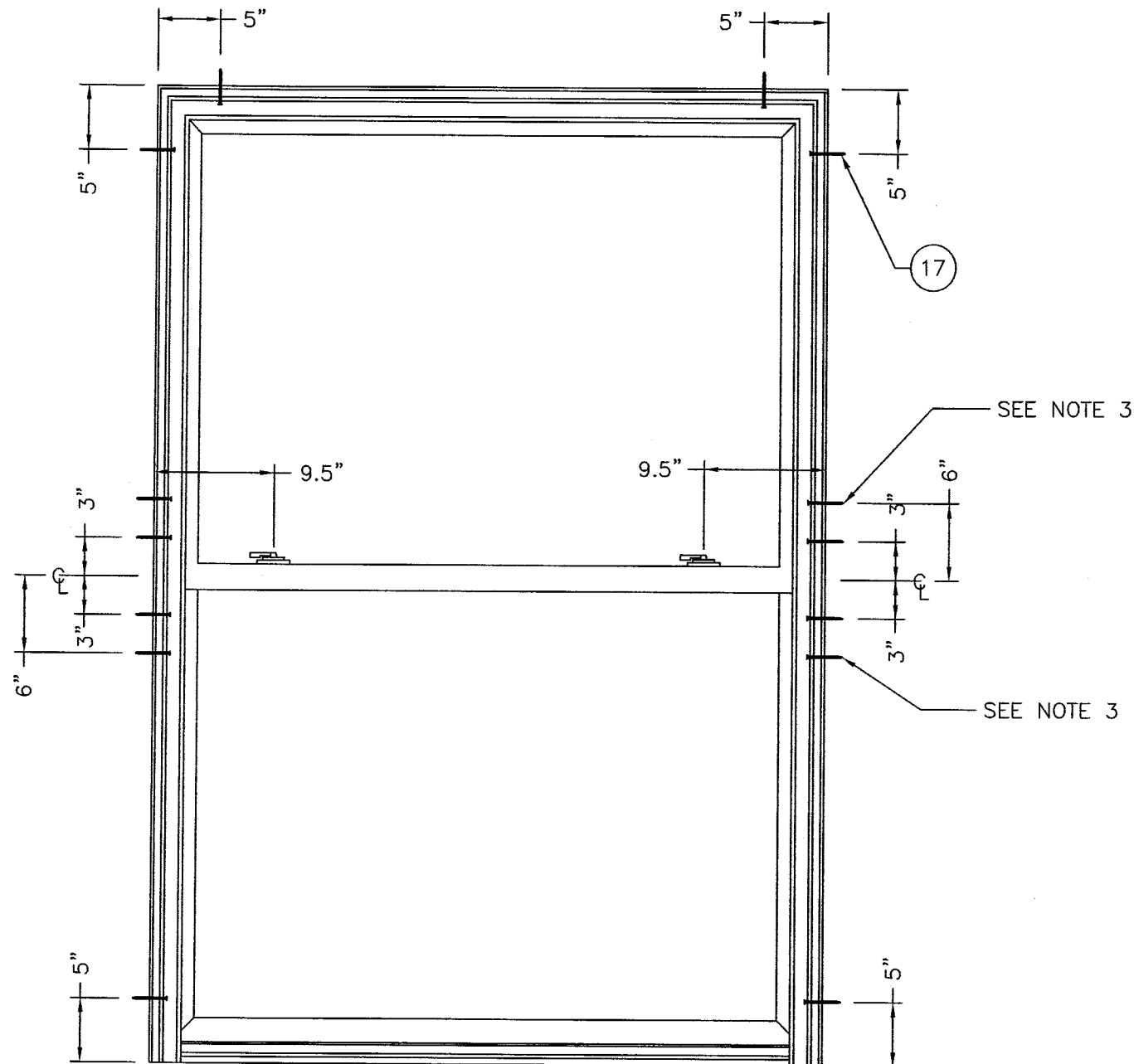
Approved as complying with the
Florida Building Code
Date 08/05/04
NOA# 04-0421.03
Miami Dade Product Control
Division
By

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairco FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158
6-24-04

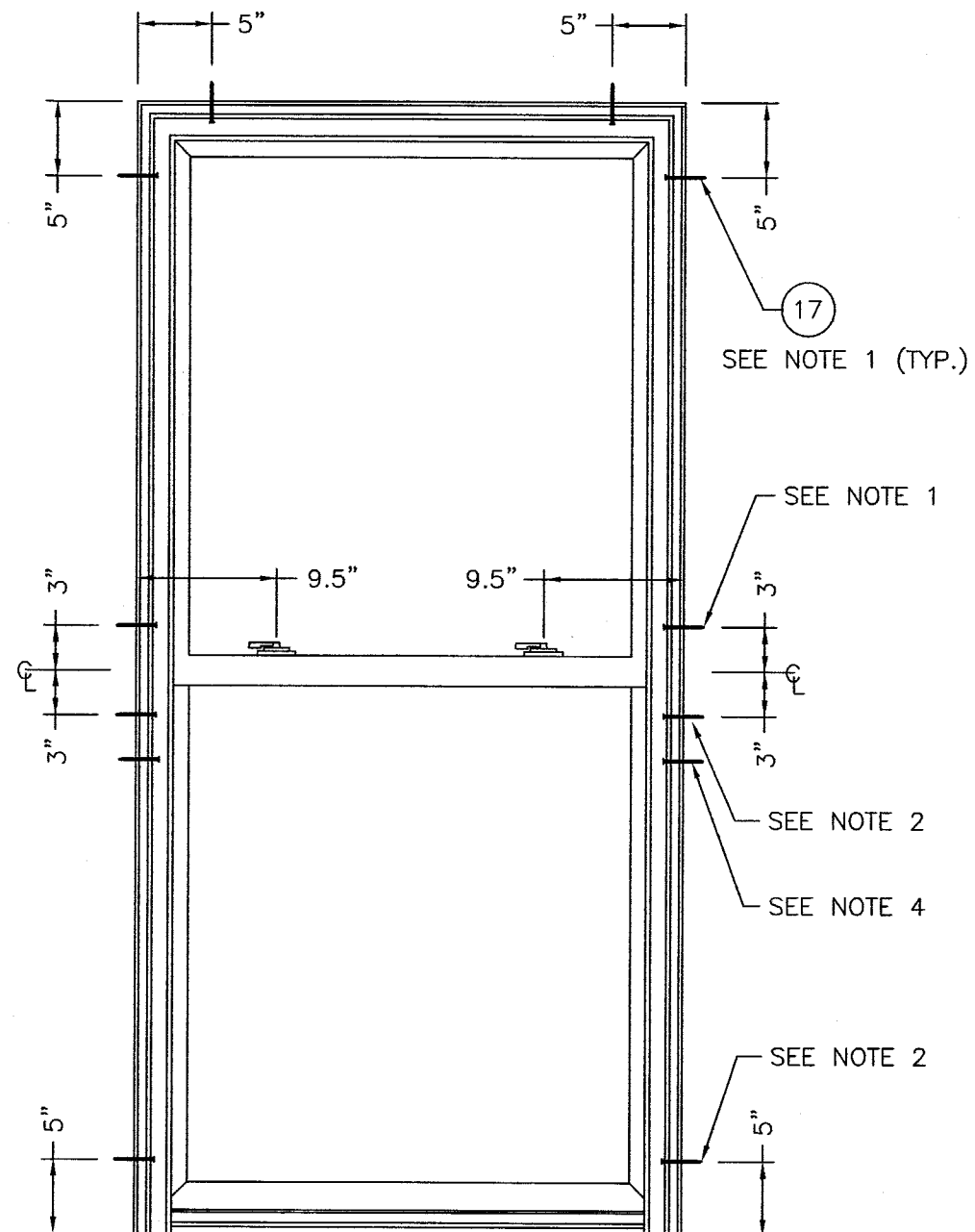
PRODUCT:
STORM BREAKER PLUS
IMPACT 5500 SERIES
PVC DOUBLE HUNG WINDOW
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTION

NO.	DATE	BY	REVISIONS
1	6/24/04	PER DADE 5/19/04 LETTER	RW

DATE: 04/05/04
SCALE: NTS
DWG. BY: EW
CHK. BY: RW
DRAWING NO.:
S-2361
SHEET 3 OF 6



ANCHORING LOCATIONS
SINGLE WINDOW
53" x 71"



ANCHORING LOCATIONS
SINGLE WINDOW
37" x 76"

NOTES:

1. SCREWS ARE LOCATED IN INTERIOR TRACK
2. SCREWS ARE LOCATED IN EXTERIOR TRACK
3. THESE SCREWS ARE ONLY REQUIRED WHEN THE DESIGN PRESSURE IS GREATER THAN +35/-35 PSF.
4. THESE SCREWS ARE ONLY REQUIRED WHEN THE DESIGN PRESSURE IS GREATER THAN +41/-41 PSF.

Approved as complying with the
Florida Building Code
Date 08/05/04
NOA# 04-0421-03
Miami Dade Product Control
Division
By [Signature]

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813

Wendell W. Hanes P.E. No. 54158
6-24-04

PRODUCT: STORM BREAKER PLUS
IMPACT 5500 SERIES
PVC DOUBLE HUNG WINDOW

PART OR ASSEMBLY:

ANCHORING LOCATIONS

NO.	DATE	REVISIONS
1	6/24/04	PER DADE 5/19/04 LETTER
		RW
		BY

DATE: 04/05/04

SCALE: NTS

DWG. BY: EW

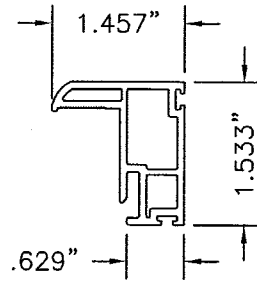
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DRAWING NO.:
S-2361

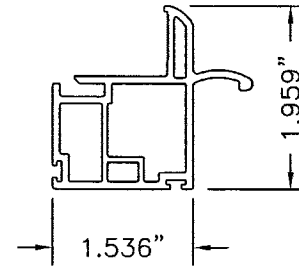
SHEET 4 OF 6

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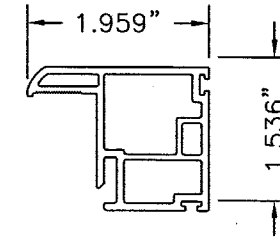
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	COMMON SASH	VINYL
2	LIFT RAIL	VINYL
3	EQUAL GLASS STILE	VINYL
4	LIFT RAIL	VINYL
5	HEAD INSERT	-
6	KEEPER RAIL	VINYL
7	2 x 4 INNER TEST BUCK	WOOD
8	2 x 6 OUTER TEST BUCK	WOOD
9	1" BEAD	-
10	FOAM TITE C-FOLD BY AMESBURY GROUP	FOAM
11	FIN WEATHERSTRIPPING CL40101 (.250)	FOAM
12	FOAM BULB (TOP RAIL) BY AMESBURY GROUP	FOAM
13	SCREEN TRACK INSERT	-
14	SILICONE CAULK	SILICONE
15	GLAZING COMPOUND (NATIONAL STARCH 939A)	-
16	SILL	VINYL
17	#10 x 3" SHEET METAL SCREW	STEEL
18	NOT USED	-
19	1" INSULATED IMPACT RESISTANT GLASS (SEE GLAZING DETAILS SHEET 2 AND SHEET 3)	GLASS
20	KEEPER LOCK SET 30219 BY TRUTH	-
21	LOCK RAIL	-
22	#10 x 2" SHEET METAL SCREW	STEEL
23	NOT USED	-
24	EXTRUDED VINYL DOUBLE HUNG HEADER/JAMB	VINYL
25	NOT USED	-
26	SCREEN	-
27	REINFORCEMENT 16107	ALUM.
28	REINFORCEMENT 56109	ALUM.
29	REINFORCEMENT 60911	ALUM.
30	REINFORCEMENT 56110	ALUM.
31	FIN WEATHERSTRIPPING SM40118 (.340)	FOAM
32	FOAM TITE BULB (BOTTOM RAIL SILL) BY AMESBURY	FOAM
33	FOAM TITE FRAME .180 HD INSERT BY AMESBURY	FOAM
34	TILT LATCH 76825 BY ASHLAND	-
35	OFFSET PIVOT BAR 12985 BY ASHLAND	-
36	REINFORCEMENT 56111	ALUM.
37	REINFORCEMENT DH78/79	STEEL
38	REINFORCEMENT DH75	STEEL
39	REINFORCEMENT ST-439	STEEL
40	REINFORCEMENT DH76	STEEL
41	SHIM	WOOD



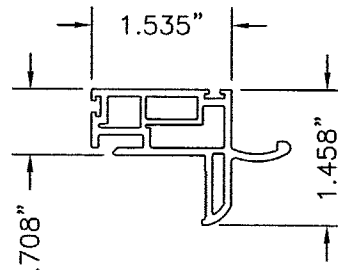
1 COMMON SASH
P/N DH75



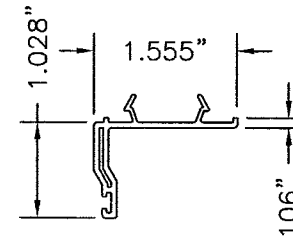
2 EQUAL GLASS LIFT RAIL
P/N DH79



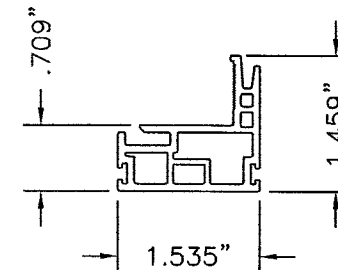
3 EQUAL GLASS STILE
P/N DH78



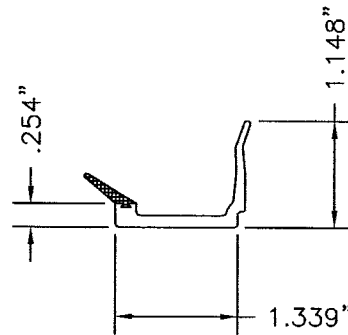
4 LIFT RAIL
P/N DH76



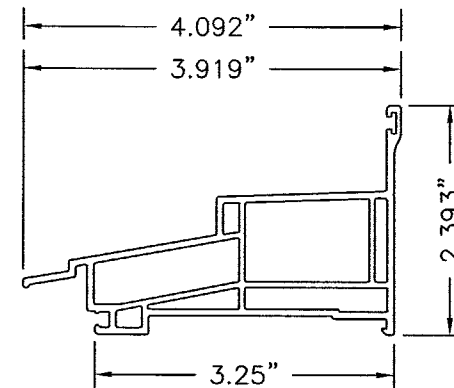
5 HEAD INSERT
P/N VPI-431



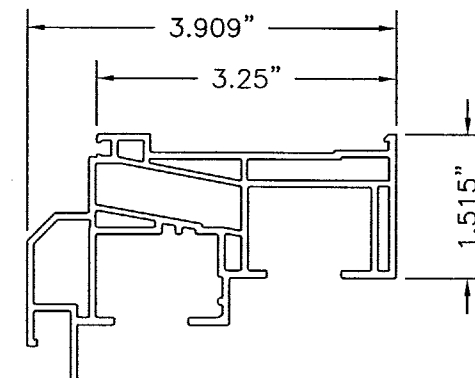
6 KEEPER RAIL
P/N DH74



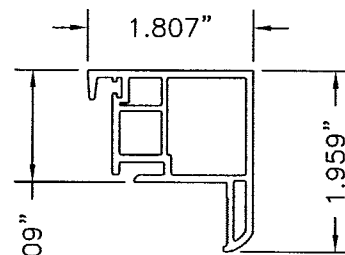
9 1" BEAD BVIB



16 SILL
P/N DH73



24 (DOUBLE HUNG) JAMB/HEAD
P/N DH71

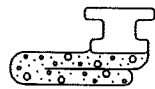


21 LOCK RAIL
P/N DH77

Approved as complying with the
Florida Building Code
Date 08/05/04
NOA# 04-0421.03
Miami Dade Product Control
Division
By *[Signature]*

Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Vairco FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 <i>[Signature]</i> 6-24-04 Wendell W. Haney, P.E. No. 54158		PRODUCT: STORM BREAKER PLUS IMPACT 5500 SERIES PVC DOUBLE HUNG WINDOW PART OR ASSEMBLY: BILL OF MATERIALS AND COMPONENTS	
NO.	DATE	PER	DATE
1	6/24/04	DADE	5/19/04
LETTER	RW	BY	
REVISIONS			
DATE: 04/05/04			
SCALE: NTS			
DWG. BY: EW			
CHK. BY: RW			
DRAWING NO.: S-2361			
SHEET 5 OF 6			

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10 FOAM TITE C-FOLD
BOTTOM RAIL
WEATHERSTRIPPING



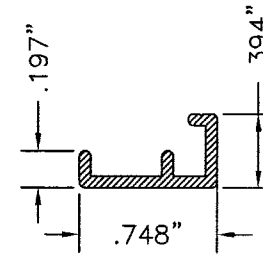
11 PILE
WEATHERSTRIPPING



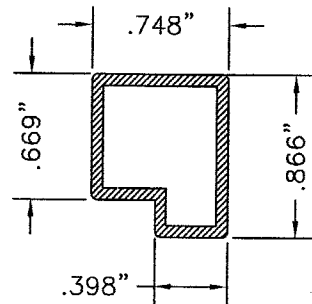
12 FOAM TITE TOP RAIL
BULB



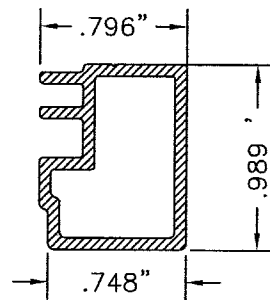
13 SCREEN TRACK INSERT



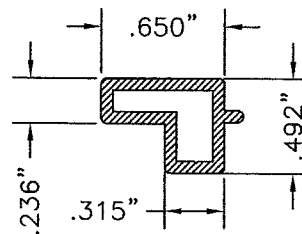
27 REINFORCEMENT 16107
P/N DH76A
ALUM 6063-T5 .062" WALL



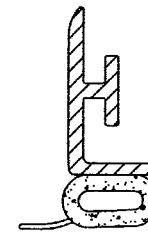
28 REINFORCEMENT 56109
P/N DH78A/DH79A
ALUM 6063-T5 .062" WALL



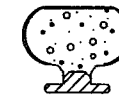
29 REINFORCEMENT 60911
ALUM 6063-T5 .062" WALL



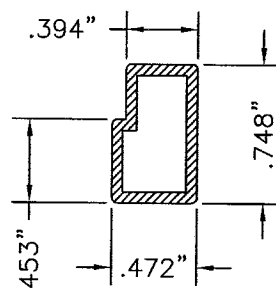
30 REINFORCEMENT 56110
P/N DH74A
ALUM 6063-T5 .062" WALL



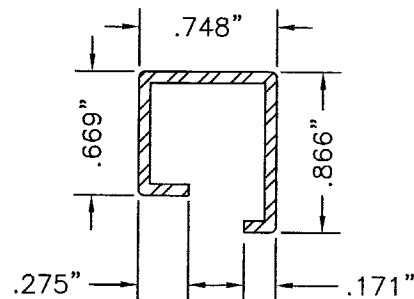
32 FOAM TITE BOT RAIL
SILL BULB



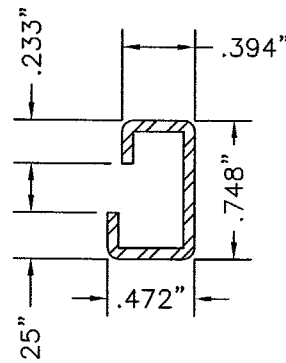
33 FOAM TITE FRAME
.180 (HD INSERT)



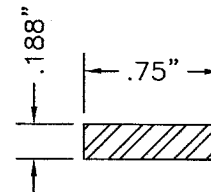
36 REINFORCEMENT 56111
P/N DH75A
ALUM 6063-T5 .062 WALL



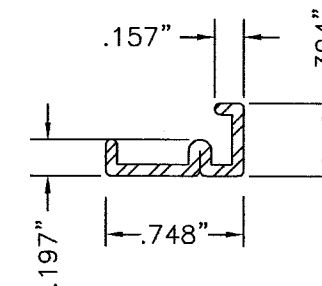
37 REINFORCEMENT DH78/79
16 GA H.D. GALV G-90



38 REINFORCEMENT DH75
16 GA H.D. GALV G-90



39 REINFORCEMENT ST-439
.188" GALV STEEL



40 REINFORCEMENT DH76
16 GA H.D. GALV G-90

Approved as complying with the
Florida Building Code
Date 08/05/04
NOAR 04-0421.03
Miami Dade Product Control
Division
By [Signature]

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
[Signature] 6-24-04
Wendell W. Haney, P.E. No. 54158

PRODUCT:		PART OR ASSEMBLY:	
STORM BREAKER PLUS IMPACT 5500 SERIES		PVC DOUBLE HUNG WINDOW COMPONENTS	
NO.	DATE	PER DADE 5/19/04 LETTER	BY
1	6/24/04	6/24/04	RW

DATE:	04/05/04
SCALE:	NTS
DWG. BY:	EW
CHK. BY:	RW
DRAWING NO.:	S-2361
SHEET	6 OF 6